

**MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
SUPERFUND SECTION
ANNUAL REGISTRY SITE INSPECTION**

1. SITE NAME AND LOCATION		
SITE NAME West Lake Landfill	ADDRESS OR LEGAL 13570 St. Charles Rock Road Bridgeton, MO 63044	COUNTY St. Louis
2. DIRECTIONS TO SITE (Starting from nearest public road, be specific, i.e. highway, street or county road, direction of travel, miles to nearest tenth to the site) Traveling east on I-70 (just after crossing the Missouri River Bridge in St. Charles) take I-270 North (exit 232A-232B). After the interchange immediately turn right onto MO 180 West. At stoplight turn left onto St. Charles Rock Road and go 0.9 miles to landfill entrance on SW side of road.		
3. OWNER AND SITE/FACILITY CONTACT		
OWNER Republic Services, Inc.	SITE/FACILITY CONTACT Dave Vasbinder	TELEPHONE NUMBER (314)744-8166
4. BRIEFLY DESCRIBE CURRENT PHYSICAL CONDITION/APPEARANCE OF SITE		
The West Lake Landfill site is a 212-acre facility with the following seven components: 1) a state-permitted sanitary waste landfill currently undergoing closure (Former Active Sanitary Landfill), 2) a Closed Demolition Landfill, 3) pre-law non-permitted radioactively impacted landfills (OU-1, Area 1 & 2), 4) a pre-law non-permitted non-radioactively impacted landfill (Inactive Landfill), 5) an active solid waste transfer station, 6) concrete and asphalt batch plants, 7) and an automobile repair shop. The Former Active Sanitary Landfill is located in an abandoned limestone quarry that stopped receiving waste in 2005. All landfill areas are capped and have vegetative cover. The site is separated into two operable units (OU's), OU-1 includes all radioactively impacted areas and OU-2 includes the remainder of the site. The transfer station, concrete, asphalt, and automobile facility are not included in the CERCLA actions.		
5. CHANGE IN USE/SITE ACCESS		
Has use of the site been substantially changed? (e.g. construction on site, parking lot developed, etc.) If yes, please explain _____ Is access to site restricted (e.g. fence) - (not required) If yes, how? <u>Chain link fence with locking gates.</u> Has owner posted warning signs at site? (Not required by Registry Law)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. BRIEFLY DESCRIBE ANY ENVIRONMENTAL PROBLEMS NOTED DURING INSPECTION		
A Subsurface Oxidation (SSO) event has been detected in the Former Active Sanitary Landfill. This event is currently being monitored by sampling the gas extraction wells. Odor mitigation is being conducted by placement of 40 mil plastic liner over venting areas and negative pressure applied beneath the liner through the gas extraction system. Some subsidence has occurred at the top of the Former Active Sanitary Landfill which has affected the surface runoff. This is being corrected by installation of a new stormwater let down on the south side of the landfill. Overall, the SSO intensity and affected area have remained relatively stable.		
7. BRIEFLY NOTE ANY ERRORS OR OMISSIONS NOTED IN SITES' ANNUAL REPORT WRITE-UP FROM LAST YEAR		
No errors or omissions were noted in last year's annual report. <div style="float: right; text-align: right;"> 0714 30287592 3.0 Superfund . Du02 </div>		
8. OTHER INFORMATION OR CONTACTS		TELEPHONE NUMBER
PREPARED BY Shawn Muenks	MOPR OFFICE <input checked="" type="checkbox"/> CENTRAL <input type="checkbox"/> NERO <input type="checkbox"/> SLRO <input type="checkbox"/> SWRO <input type="checkbox"/> SERO <input type="checkbox"/> KCRO	DATE (MO-DAY-YR) 06/10/2011

PHOTO ID NUMBER	DATE	DESCRIPTION
1	06/09/2011	View of OU-1, Area 2 from the Closed Demolition Landfill showing perimeter fencing and landfill cover.
2	06/09/2011	View of OU-1, Area 2 from the Closed Demolition Landfill showing perimeter fencing and landfill cover.
3	06/09/2011	View of OU-1, Area 2 from the Closed Demolition Landfill showing perimeter fencing and landfill cover.
4	06/09/2011	View of Site Entrance Road off St. Charles Rock Road from the Closed Demolition Landfill showing access controls (fencing).
5	06/09/2011	View of on-site soil borrow pile from the Closed Demolition Landfill.
6	06/09/2011	View of transfer station and asphalt batch plant from the Closed Demolition Landfill.
7	06/09/2011	View of site offices and weigh station from the Closed Demolition Landfill.
8	06/09/2011	View of perimeter fencing around Area 1 from Former Active Sanitary Landfill access road.
9	06/09/2011	View of OU-1, Area 1 from the northern portion of the Former Active Sanitary Landfill showing landfill cover.
10	06/09/2011	View of OU-1, Area 1 from the northern portion of the Former Active Sanitary Landfill showing landfill cover.
11	06/09/2011	View of OU-1, Area 1 from the northern portion of the Former Active Sanitary Landfill showing landfill cover.
12	06/09/2011	View of OU-1, Area 1 from the northern portion of the Former Active Sanitary Landfill showing landfill cover.
13	06/09/2011	View of southern portion of the Former Active Sanitary Landfill and methane flare.
14	06/09/2011	View of southern portion of the Former Active Sanitary Landfill showing surface gas control tarps (odor mitigation) and stormwater control.
15	06/09/2011	View of southeast edge of the Former Active Sanitary Landfill showing surface gas control tarps (odor mitigation) and perimeter gas extraction wells.
16	06/09/2011	View of leachate holding tank.
17	06/09/2011	View of top of Former Active Sanitary Landfill showing area of subsidence.
18	06/09/2011	View looking down southeast slope of Former Active Sanitary Landfill showing construction of new stormwater let down.

*** IF ADDITIONAL SPACE IS NEEDED, PLEASE ATTACH EXTRA PAGES.**



Photo 1 – Looking North



Photo 2 – Looking Northwest



Photo 3 – Looking West



Photo 4 – Looking Southeast



Photo 5 – Looking Southwest



Photo 6 – Looking South



Photo 7 – Looking South



Photo 8 – Looking East



Photo 9 – Looking Northwest



Photo 10 – Looking North



Photo 11 – Looking North



Photo 12 – Looking Northeast



Photo 13 – Looking South



Photo 14 – Looking Southwest



Photo 15 – Looking Southwest



Photo 16 – Looking West



Photo 17 – Looking East



Photo 18 – Looking Southeast

